

FIRST CLASS MAIL



A Publication of
THE PHIL-MONT MOBILE RADIO CLUB, INC.
2113 EDGEHILL DRIVE, FURLONG, PA 18925

THE BLURB

PHILMONT'S
40TH YEAR



PHILMONT MOBILE RADIO CLUB
W3RQZ • W3TKQ • W3QV

BLURB

September 1989



DICK MOLL
W3RM ... THE TIRELESS CODE
[RQZ] NETWORK



VOTE FOR YOUR PHILMONTER
OF THE YEAR...& DON'T FORGET
THE NOVEMBER BANQUET!

is published monthly by and for the members of The PHIL-MONT MOBILE RADIO CLUB, INC. whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs; requests should be sent to the Editor. BLURB subscriptions are available to non-members for \$6.50 addressed to the Treasurer. The club meets at 8 PM on the first non-holiday Monday of every month at The Franklin Institute, 21st Street and the Benjamin Franklin Parkway, Philadelphia. Use the rear entrance. ALL VISITORS ARE WELCOME!
Amateur Radio License Examinations - every meeting night at 6:30 PM-SHARP!

CLUB INFORMATION

- 24 Hour Information Number at W3TKQ -

(215) 448-1139

Mailing Address: P.O. Box 88, Abington, PA 19001

STATIONS

W3QV - 147.03 MHz. Repeater - 8200 Ridge Avenue, Philadelphia, PA - Trustee W3BBB

W3RQZ - 1176 Old York Road, Abington, PA - Trustee W3VVS

W3TKQ - The Franklin Institute, Philadelphia, PA - Trustee W3PWG

W3TKQ Operators: WA3AAL, Fred; N3ABS, John; K3TEF, Frank; KA3PIC, Jack; W3PWG, Rollie

ALL LICENSED AMATEURS ARE WELCOME TO OPERATE W3TKQ.**OFFICERS**

PRESIDENT: W3UY, Larry Clifford, 615 Apache Lane, Norristown, PA 19401

VICE PRESIDENT: WA3AUN, Mark Ackerman, 821 Moredon Road, Meadowbrook, PA 19046

SECRETARY: N2RM, Rob Moore, 9U Rose Rita Terrace, Hammonton, NJ 08037

TREASURER: KB3IV, Ed Masarsky, 15 Poe Avenue, Wyncote, PA 19095

DIRECTORS

W3BBB (90); K3GBA (A); K3ONM (89); W3IIM (A); W3IIN (A); K3KUD (89); W3LKI (90)

COMMITTEES

Archives:	W3IIN	DX:	WA3AUN	Refreshments:	N3FVI
Awards:	K3KUD	Membership:	W3IIN	Repeater:	W3BBB
Banquet:	N3EBE	MO-COM 5:	N3DHI	Special Events:	N3FVI
BLURB:	W3IIM	Net Control:	W3CMM	VE Program:	ND3Q
Budget/Audit:	W3IIN	Program:	WA3AUN	W3TKQ:	W3PWG
Directory:	W3KOJ	Publicity:	N3EAY	Welcome:	W3VVS

BLURB STAFFEditor: W3IIM, Jack Haring, 2113 Edgehill Drive, Furlong, PA 18925
(215) 794-7623

Artist: Sam Kuncevic

N3DHI, K3GBA, W3KOJ

Assistant Editor/Typist: W3IIN

DEADLINE: To be assured of publication in the current month, all copy MUST be in the hands of the Editor at the Bored of Directors' Meeting.

NET SCHEDULE

SUNDAY	09:30	147.030	MHz FM	"SUNDAY MORNING 2 METER NET"
	10:00	28.400	MHz SSB	"10-ON-10 NET"
	10:20	3.993	MHz SSB	75 METER NET
TUESDAY	20:00	147.030	MHz FM	CW PRACTICE NET
WEDNESDAY	20:30	147.030	MHz FM	SWAP NET

**APPLE BYTES****SEPTEMBER BIRTHDAYS**

03-MARIAN FOX - WA3YJR

06-LEONARD N. KOVNAT - WB3JUA

08- ALLEN F. BUBECK - K3GNM

13-MARGE CONCORDIA (XYL WB3KAC)

15-ROBERT K. FREER - W3YLT

20-JOHN SPRATT - N3ALW

21-HAROLD FOX - W3AA

23-SHELLY KLEIN - K3QNX (XYL W3WXC)

26-PAUL LANE IVES, JR. - W3SMA

28-MILLIE RULLI (XYL WB2WOM)

HELP PHIL-MONT

ARE YOU PLANNING TO JOIN ARRL OR RENEW YOUR CURRENT MEMBERSHIP? HELP PHIL-MONT BY JOINING OR RENEWING THROUGH THE CLUB...CONTACT KB3IV FOR THE DETAILS.

....DE WB3KOJ

12 BOTTLES OF WHISKEY

I had 12 bottles of whiskey in my cellar and was told by my wife to empty the contents down the sink - "OR ELSE!!"

I withdrew the cork from the first bottle and poured the contents down the sink, with the exception of one glass, which I drank.

"Took the cork from the second bottle and did likewise, with the exception of one glass which I also drank. I then withdrew the cork from the third bottle and poured the whiskey down the sink with the exception of one glass which I also drank. I pulled the cork from the fourth sink and poured the bottle down the glass and drank one sink of it and then poured the cork from the bottle. Then I corked the sink with the glass, bottled the drink, and drank the pour, and when I had

everything emptied, I steadied the house with one hand, counted the bottles, corks, glasses, and sink (there were 29). And as the house came by, I counted them again, and finally had all the house and one bottle, which I of course drank. I'm not under the alcohfluence of incohol, but thinkle peep I am.. I'm not half as thunk as you drink I am.. I fool so feelish, I don't know who is me, and the drunker I stand here the longer I get... DRINK UP...

tnx to The Delaware-Lehigh ARC

Clarence, is this an example of the kind of material we should expect from our new, Pennsylvania-Dutch newsletter connection?
- Ed.

Letter to the Editor of PC WEEK magazine

After reading the "Look-Alike 286s Hide Multitude of Differences" article by Steve Rosenthal in the July 3 edition, my interest was piqued by the reference to the Federal Communications Commission (FCC) A and B Class certifications. Rosenthal's article mentioned: "Primarily to protect the clarity of TV reception, the FCC's Class A standards for home use are more stringent than the Class B standards for office use."

Now, my understanding is that Class B certifies home use, while Class A certifies office use (he's correct -Ed). Nevertheless, I am glad Rosenthal pointed out the importance of FCC certification. The point is that most PC evaluators pay little attention to these certifications and generally treat the rating like the contents tags on mattresses ("Do not remove under penalty of law").

However, the FCC certification can be very important to the proper operation of your computer and other electronic devices around it, and, thankfully, recent legislation has drastically changed the way in which we interpret "interference."

A particularly good article on radio frequency interference (RFI) was published in the July 1989 edition of QST (a national magazine for amateur radio operators). The article, "Interference Standards Revisited," cites the history of RFI from the 1920s to current times.

Of particular interest is the Goldwater Bill passed in 1982. This bill reduces much of the persecution that radio operators have endured for years. It fundamentally places the responsibility for reducing transmitted and received interference on its source.

Broadly interpreted, this means that if your TV set (or computer) is picking up RFI from properly operating transmitting devices, including amateur radios, business band radios, cellular phone equipment or your microwave oven, it's your problem. Also, if your equipment is improperly interfering with communications equipment, you are responsible for fixing the problem.

Recent evidence suggests that much of the older electrical equipment (before 1980), especially TV sets, was woefully inadequate at rejecting radio waves outside of their assigned frequency, and often generated much RFI as well. The QST article states:

"This de facto industry standard now exists for all consumer electronics. There shall be no perceptible effect on operation of electronics in the home for RF fields of at least 1 V/meter in any ham or CB band, and 10 dB lower anywhere else in the spectrum between 0.5 and 30MHz."

There has been good compliance by U.S., European and Japanese manufacturers of televisions. Now, if you're wondering what this has to do with computers, be aware that the airwaves are becoming increasingly crowded, and, to borrow a popular phrase, it's a jungle out there. And it's only getting worse!

Most of the FCC certification interest is focused on how well-shielded a computer is in regard to generating RFI. I suggest that the shielding proportionally determines the amount of RFI the computer will receive as well.

A story recounted to me recently was of a sales rep. demonstrating an MS-DOS workstation and complaining about a local amateur transmitter sending his computer and programs in the bit bucket. This computer was emitting generous amounts of RFI to all nearby receivers and had little or no shielding from the normal amount of radio waves in the air. The bottom line is that it's the computer's problem.

So even if you don't care about how much RFI your computer is generating, and are improperly using, in your home, a workstation that is certified only for office use, be aware that RFI is a double-edged sword. You can be held responsible for improperly interfering with others, and your computer's reliability may be at the whims of the next passing mobile transmitter.

D.A. Ritari, St. Paul, Minn.

The PREZ SEZ

Larry Clifford, W3UY

For many years the BLURB's artwork, produced by Sam Kuncovich, has been one of the BLURB's most consistent mainstay features. The selection of topics, both on the cover and interior cartoons, has been so timely and amusing. Whether it's been the 4th of July cover, or a Phil-Mont member's

prize boner, the subject has been drawn with fine taste and tactful humor, as the case might be. Then Sam's Other Corner always has a gem of a thought to be retained.

Thank you Sam for such a fine job. We appreciate your efforts. Come to more of our meetings and we hope that soon you can talk to us on the air as well!

IT SEEMS TO ME.....

Bob Schmilewske, K3KUD

Fourth of a series of guest editorials by our former editors.

I must start by thanking our Editors for their invitation to write a guest editorial. This could be an example of living dangerously in light of my past record!

As we approach our 40th Anniversary celebration I look back on my 28 years as a Phil-Monter and recall having been permitted to become a member, even though I was just a Technician, a very unusual situation at that time. I remember many evenings in the shack of W3QQH (W3BBB) while he helped me to increase my code speed, and the happy day when I got the General. I remember pleasant days at NAS Willow Grove during National Model Airplane Competitions; antenna parties; harried months during 9 years as BLURB editor when much of the material was put

together on air planes or in foreign countries, mailed home and assembled by my XYL Peg; but mostly I remember the camaraderie that existed in the club and the pride we felt in being Phil-Monters.

It is evident that the groundwork laid from the club's inception, and continued through the years, was solid because Phil-Mont was, and is, a major force in amateur radio in the Delaware Valley, and has earned the respect of hams in many parts of the United States and even in foreign countries.

It is my hope that Phil-Mont will continue to thrive and remain in the forefront among amateur radio clubs for many more years.

MINUTES

AUGUST GENERAL MEETING

The regular meeting of the Phil-Mont Mobile Radio Club was again called to order by W3UY at 8:20 PM at the Franklin Institute on August 7, 1989

The minutes for the July meeting were approved as published in the BLURB.

KB3IV read his treasurer's report and we are still doing "OK".

W3UY said that the prize for the next three club raffles would be either cash or a ticket to the 40th Anniversary Banquet.

W3IIM said the deadline for the BLURB would be August 16th, and that we should

keep those "cards and letters coming in." He is increasing exchanges with other clubs in the area.

W3UY said the club banquet will be on November 11th at The George Washington Country Club, and a written invitation will be received by all club members.

K3KUD is awaiting nominations for his Awards Committee.

N3GWG will continue the swap net on Wednesday nights. He will try to keep it to radio equipment, but needs participation.

Continued on page 8

*** UPDATE ***

SEPT 11 General Meeting Program
information unavailable at press time

Sept 13 Directors' Meeting at
WA3AUN's
(Please note change)
--- * ---

OCT 2 General Meeting

Oct 18 Directors' Meeting at
W3IIM & N's
--- * ---

NOV 6 General Meeting

Nov 11 **BANQUET**
Master of Ceremonies:
Russ Miller, K3NYN

Nov 15 Directors' Meeting at
W3AA & WA3YJR's
--- * ---

DEC 4 General Meeting
&
ELECTIONS

Dec 13 Directors' Meeting
Location to be announced

HAMFESTS

SEP 17 PENNSAUKEN NJ
So. Jersey Radio Assn. Hamfest
Pennsauken High School
Rts 73 & 130
145.29
--- * ---

OCT 8 WARRINGTON, PA
Pack Rats
Bucks County Drive In

OCT 22 BENSALEM, PA
Penn Wireless Tradefest '89
Rt 152, 1 mi S of Rt 132
146.97 146.52
(NOTE REVISED DATE)
--- * ---

**And don't forget PHIL-MONT's
very own "Hamfest"
every Wednesday evening
at 8:30 PM on our
147.03 repeater!**

CLUB INFORMATION

24 Hour Information Number at W3TKQ
(215) 448-1139

**ONE TICKET TO THE BANQUET WILL BE RAFFLED-
OFF AT EACH OF THE NEXT THREE GENERAL
MEETINGS.**

Minimum Value: \$25 !

V.E. TEST LOCATIONS

from EPA FEEDLINE & others

BELMAWR, NJ
Monthly, 3rd Thursday
Bill Helmatag
(609) 546-7710

BRYN MAWR
Bob Haase, W3SA
(215) 293-1919

CENTER CITY
Sep 11, Oct 2, Nov 6
Dusty Rhoads, ND3Q
(215) 482-0386
(215) 879-0505

LEVITTOWN
Dave Heller, K3TX
(215) 946-1040

PERKASIE
Monthly, 3rd Monday
Stu Silverstein, K3UEI
(215) 584-0775

HATBORO
Tom Michaud, WA3TQJ
(215) 343-3494

August 12, 1989

To the club members of The Phil-Mont Mobile Radio Club:

Amateur Radio: what is it and what does it do? These questions passed through my mind for sometime. I attended some meetings, dinners, and had a wonderful time, also, met some very nice people.

But these feelings changed over night for me and my family. During the illness of my husband Raymond S. Gillespie, KB3JW, I never saw, met or listened to a group of more caring hams.

I know many of you overlooked many things during that time, especially when Ray was on the air. Ham radio was his thing, and being on the air was the best therapy he had during those long months. When an emergency occurred, help was always there if a family member called through two meters.

But the greatest honor you gave to him was the June issue of "The BLURB" for his Silent Key. This I will always treasure, and to open the August issue of the "The BLURB" to find my name among the birthday list for the month. I was thrilled.

The entire Gillespie family thanks you all for the caring, love and support you gave during the last 19 months. Ham Radio is wonderful, and our hats are off to you.

Thank you so much for being Amateur Radio Operators. Great Group.

Sincerely, Pat Gillespie & Family

Sama

CORNER

*YOUR BALLOT FOR THE
PHILMONTER OF THE YEAR
IS IN THIS ISSUE...*

*== NEXT MONTH ==
THE LAST 2 MAJOR HAMFESTS
OF THE YEAR*

MINUTES continued from page 3

W3UY mentioned that, on page 59 and page 138 of QST, there was mention or advertising regarding new FCC rules. Also, September, October and December mid-months were vacant. WA3AUN volunteered for September, W3IIM & N for October, leaving December open.

W3TKQ The Board of Directors decided the club should pay more attention to W3TKQ. As a result, N3GLH, KB3IV and W3UY visited the station and came up with needs as follows:

1st Priority:

- Dedicated stable 2 meter FM rig for packet.
- 6 meter rig is down because no antenna feed line.
- Tape recorder is 10 years old.

2nd Priority:

- TR7A is unstable and needs new volume control.
- A small oscilloscope is needed for RTTY.

Rolly, W3PWG, also suggested the club is in need of volunteer operators. This would give club members a place to operate if they don't have a station of their own, or when they are in the area. W3LKI suggested 3 hour

volunteer operating periods a month by different operators. If you are interested in operating the station, tell the guard you are there to operate the amateur radio station, and bring your ham license. Also, bring your Phil-Mont badge if you can. No one will be at the station for 1/2 hour periods starting at 11:00 AM, 1:00 PM, and 3:00 PM. The phone number to use is (215)-448-1139.

The ARES group in Delaware County donated a packet unit for the station.

ND3Q said there were 13 examinees at the testing session, with 19 elements given and 13 passed.

N3GLH introduced the visitors who included W3/DF9WM, N3GMH, N2FWO, KA3JSA, KA3BVA, KA3UBG and KA3UQC.

The program was introduced by WA3AUN, and was a talk on new amateur radio equipment available. It was presented by Ham-Tronics. We wish to thank N2FUO, KA3JSA and KA3BVA for stopping by with \$10,000 worth of new equipment.

The meeting was adjourned at 9:30 PM
Respectfully Submitted, Robert R. Moore, N2RM, Secretary

EXCHANGES PLEASE!

Your new editor encourages newsletter exchanges with all local clubs. The adjacent article(s), and others in this issue, are from the newest exchange club, **THE DELAWARE-LEHIGH ARC**, which sponsors the Nazareth, PA repeater on 146.70. Occasionally you'll hear its President, Clarence Snyder, W3PYF taking pot-shots at Spencer as he passes through the Philadelphia area. *(Clarence, come by more often! -Ed.)*

ATTENTION KENWOOD OWNERS!

Kenwood U.S.A. now has its very own computer bulletin board which can be reached at 300/1200/2400 bps at 1-213-761-8284. Hours are Monday-Friday 1700-0800 (PST), and on weekends, from 1700 on Friday to 0800 on Monday.

tnx Delaware-Lehigh ARC

Fundamental 'truths'

Whatever can happen, will. Whatever can't happen, will anyway. Whatever should happen, won't - until it's too late to do any good.

If it ain't broke, don't fix it. When all else fails, read the instructions (so you can really mess it up). It works better when you plug it in, unless it goes up in smoke. There is always somebody who could have told you not to buy one of those.

Everything has to be somewhere, but either you can't find it or you trip over it in the dark. If you don't know something you can't find out anything else (KC3LM's Law of the Conservation of Ignorance).

The higher the price of the computer you want to buy, the more likely its salesperson (I mean, salesperson) was pushing cheese fries or magazine subscriptions in the last 30 days.

Before you get depressed, consider: This is the good news.

tnx BRATS' Milliwatt; Worldradio; Mid-Atlantic ARC, Villanova, PA (whew)

NEW RULES AVAILABLE

New PART 97 Amateur Radio Service Rules \$2.00 each postpaid, only \$5 for 5 copies.

The new Part 97 Rule Book is now ready for immediate shipping. These booklets not only contain the entire text of the new rules, but the entire Report and Order detailing amateur comments on the Rules revision and FCC consideration given to them.

WSYI
P.O. Box 565101
Dallas, TX 75356

tnx to The BRATS' Milliwatt

BANQUET PLANS PROCEEDING

The Banquet Committee is working diligently on the preparations for our 40th year anniversary banquet on Saturday, November 11, 1989. Plans for exciting entertainment - see next month's BLURB cover - are in the works, with music for listening and dancing. The scintillating tones of Russ Miller, K3NYN our resident Real Estate maven, will be heard as Master of Ceremonies.

The buffet menu will include a variety of delicious dishes, guaranteed to suit everyone's taste. The program for the evening will also have something for everyone.

The Awards Committee is planning to present the annual awards at the banquet, and has already begun its deliberations.

There are other surprises in store for you, so plan now to come and join your fellow members, and guests, for an evening of fun, fellowship, laughter, music, dancing, eyeball QSOs, and some good ol' time rag chewing.

Watch for next month's BLURB which will contain your invitation and RSVP.

Did you ever wonder how the D, E and F layers in the ionosphere got their names? They were named by the man who discovered them, Sir Edward Appleton, in a striking example of scientific foresight. Responding to a question from J.H. Dellinger about the names in 1943, Appleton wrote: "In the early work with our broadcasting wavelengths, I obtained reflections from the Kennelly-Heaviside layer, and on my diagrams I used the letter E for the electric vector of the down-coming wave. When therefore in the winter of 1925 I found that I could get reflections from a higher and completely different layer, I used the term F for the electric vector of the waves reflected from it. Then about the same time I got reflections from a very low height and so naturally used the letter D for the electric vector of the return waves. Then I suddenly realized that I must name these discrete strata and being rather fearful of assuming any finality about by measurements I felt I ought not to call the layers A, B and C since there might be undiscovered layers both below and above them. I therefore felt that the original designation for the electric vector D, E and F might be used for the layers themselves since there was considerable latitude for the naming of any layers that might come to light as a result of further work. I am afraid that that is all there is in the story."

tnx BRATS' Milliwatt

NEW MEMBER APPLICATION

CALL:	N3GMH
NAME:	Paul Policarpo
HANDLE:	Paul
CLASS:	Advanced
ADDRESS:	2425 S. 21st St. Phila, PA 19145
HOME PHONE:	(215) 465-2247
OCCUPATION:	Electronics Technician
BUSINESS:	(215) 463-4103

**CODE PRACTICE NET
RETURNS
September 19**

1989

SEPTEMBER

1989

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3 2M NCS AK2I 10M NCS ANYONE 75M NCS W3AOA	4 <i>Labor Day</i>	5 CODE PRACTICE Returns Sept 19	6 SWAP NET at 8:30 PM	7 <i>Grandma Moses' Birthday 1860</i>	8	9
10 2M NCS N3FTY 10M NCS ANYONE 75M NCS W3RCE <i>Grandparents' Day</i>	11 GENERAL MEETING & LICENSE EXAMS	12 CODE PRACTICE Returns Next Week	13 SWAP NET at 8:30 PM DIRECTORS' MEETING at WA3AUN's	14	15	16
17 2M NCS WB3CMM 10M NCS ANYONE 75M NCS AK2I <i>South Jersey Hamfest Pennsauken, NJ</i>	18	19 CODE PRACTICE NET at 8 PM IT's BACK!	20 SWAP NET at 8:30 PM <i>Ember Day</i>	21	22 <i>Autumnal Equinox Native American Day</i>	23
24 2M NCS NS3Y 10M NCS ANYONE 75M NCS W3HFY	25	26 CODE PRACTICE NET at 8 PM	27 SWAP NET at 8:30 PM	28	29	30 <i>Rosh Hashanah</i>

fold on line

25 cent
stamp
required

R. G. Schmilewske, K3KUD
1702 Marlbrook Lane
Lansdale, PA
19446

First Class Mail

PHIL-MONTER OF THE YEAR

BALLOT

Please cast your vote for the PHIL-MONTER OF THE YEAR. This award is made on the basis of a closed vote by the membership, PROVIDED that at least 1/3 of the total membership votes! Don't let hard work go unrewarded.

YOUR VOTE IS IMPORTANT !

The award is made to the club member whose contribution to Phil-Mont has been outstanding. It may be given for a single, or sustained effort within the current year.

Use this BALLOT to indicate your choice, then fold and mail it to K3KUD using this convenient self-mailer. Alternatively, you may bring it to the October 2nd General Meeting. ALL ballots must be received by October 7th!

My vote for the Phil-Monter of the Year is: (write name and call)

COMMENTS:

MY CALL IS: _____
(required)

===== FAMILY MEMBER may vote below =====

My vote for the Phil-Monter of the Year is: (write name and call)

COMMENTS:

MY CALL IS: _____
(required)